

PRE-CRUISE NARRATIVE

Sale Name: Wattley	Region: SE
Application #: 30-077264	District: Alpine
Contact Forester: Erin Kreutz	Phone/ Location: (509)-933-3847
Alternate Contact: Erin Haggard	Phone/ Location: (509)-933-3847

UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #	Legal Description Sec/Twp/Rng	Grant	Gross Acres	Net Acres	Method of acreage determination (compass chain traverse, photo, declination used, GPS, etc.)	Error of Closure
1	Sec. 18, T18N, R17E	03	165.8	165.8	GPS	N/A
Total				165.8		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit #	Harvest Prescription: (Mark leave, take, etc.)	Special Management areas:	Other conditions (# leave trees, etc.)
1	Leave-Blue paint	Type 5 stream bounded by SMZ tags and blue flagging in the SE 1/4 of NW 1/4. Void (2.3 acres) bounded by timber sale boundary tags in Northeast portion.	4338 trees tallied. Approx. 26 TPA variable density.

OTHER PRE-CRUISE INFORMATION:

Unit #	Estimated Volume	Access information (Gates, locks, etc.)	Photos, traverse maps required
1	850MBF	Unlocked gate at the entrance of the L.T. Murray on Joe Watt Canyon Rd from May thru December. Gate is locked by DFW the remaining months for Elk feeding.	N/A

REMARKS:

Old faded blue paint is present on some trees. There is a distinct difference between old blue and new blue paint. Trees with old paint should be considered as take trees. Trees with timber sale boundary, SMZ, and right of way boundary tags should be cruised as leave trees. Type 4 stream located in the NW corner is not accurate and is approximately 75 ft North of unit boundary.
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Prepared By: Erin Kreutz	Title: Forester	CC: Cruisers, J.Haddon, L.Hazlett, file
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Revised 08/31/01

Cruise Narrative

Sale Name: Wattley	Region: Southeast
Agree.#: 77264	District: Alpine
Lead cruiser: Williams	Completion: 9-12-05
Other cruisers on sale: None	

SuperAce Cruise Info:

Species	Southeast	Sort/Grade	Neweast
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Unit acreage specifications:

Unit	Cruised acres	Cruised acres agree with sale acres?	If acres do not agree explain why.
1	166	Yes	
Total	166		

Unit cruise specifications:

Unit	Sample type (VP,FP,ITS,100%)	Expansion factor (BAF,full/half)	Sighting height (4.5 ft., 16ft.)	Grid size (Plot spacing or % of area)	Plot ration (cruise:count)	Total number of plots
1	VP	27.78 Full	4.5	490X109	1:3	136

Sale/Cruise Description:

Minor species cruise intensity:	N/A					
Minimum cruise spec:	7.5 DBH holding a 5” top DIB @ 16’.					
Avg. ring count by sp:	DF=	11	WH=		SS=	
Leave/take tree description:	Take all trees NOT marked with blue paint.					
Other conditions						

Field observations:

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Grants: 03

Prepared by: Williams
Title: Timber Cruiser

CC:

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)															
<div>T18N R17E S18 Ty0001166.00</div>				Project: WATTLEY										Page 1					
				Acres 166.00										Date 2/23/2006					
														Time 9:22:26AM					
S So Gr			%	Bd. Ft. per Acre			Total Net MBF	Percent of Net Board Foot Volume								Average Log			Logs Per /Acre
Spp	T	rt ad	Net BdFt	Def%	Gross	Net		Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
PP	D	3S	52		370	370	61	100				12	12	75	30	72	0.60	5.1	
PP	D	4S	48		333	333	55	100				42	58		17	24	0.36	13.9	
PP Totals			12		703	703	117	100				26	34	40	21	37	0.45	19.0	
DF	D	2S	9	7.9	508	468	78	76 24				100				32	246	1.53	1.9
DF	D	3S	56	8.8	3,092	2,819	468	98 2				2	2	92	4	31	78	0.61	36.0
DF	D	4S	35	2.2	1,781	1,742	289	100				44	39	16		16	21	0.33	84.8
DF Totals			88	6.5	5,382	5,029	835	89 8 2				16	15	67	2	21	41	0.48	122.7
Totals				5.8	6,085	5,732	952	91 7 2				18	17	63	2	21	40	0.48	141.6

PROJECT STATISTICS								PAGE 1			
PROJECT WATTLEY								DATE 2/23/2006			
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt	
18N	17E	18	WATTLEY	0001		166.00	136	328	S	E	
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
TOTAL			136	328	2.4						
CRUISE			28	82	2.9	16,190	.5				
DBH COUNT											
REFOREST											
COUNT			86	246	2.9						
BLANKS			22								
100 %											
STAND SUMMARY											
SAMPLE TREES			TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR			69	82.0	11.1	36	16	55.4	5,382	5,029	1,229
PONDEROS			13	15.6	11.7	30		11.6	703	703	178
TOTAL			82	97.5	11.2	35		67.0	6,085	5,732	1,407
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
CL	68.1	COEFF		SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	6		8	10	
DOUG FIR		119.5	14.4	77	90	103					
PONDEROS		61.8	17.8	44	54	63					
TOTAL		119.0	13.1	73	85	96	393	221	142		
CL	68.1	COEFF		SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	6		8	10	
DOUG FIR		93.4	11.2	19	22	24					
PONDEROS		53.8	15.5	12	14	16					
TOTAL		92.8	10.2	18	21	23	239	134	86		
CL	68.1	COEFF		TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	6		8	10	
DOUG FIR		97.5	8.4	75	82	89					
PONDEROS		195.9	16.8	13	16	18					
TOTAL		81.6	7.0	91	98	104	185	104	67		
CL	68.1	COEFF		BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	6		8	10	
DOUG FIR		93.7	8.0	51	55	60					
PONDEROS		193.8	16.6	10	12	14					
TOTAL		77.6	6.7	63	67	71	167	94	60		
CL	68.1	COEFF		NET BF/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	6		8	10	
DOUG FIR		97.0	8.3	4,611	5,029	5,448					
PONDEROS		194.6	16.7	586	703	820					
TOTAL		83.8	7.2	5,321	5,732	6,144	195	110	70		
CL	68.1	COEFF		NET CUFT FT/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	6		8	10	
DOUG FIR		95.2	8.2	1,128	1,228	1,328					
PONDEROS		195.8	16.8	147	177	207					
TOTAL		81.7	7.0	1,306	1,405	1,503	186	104	67		

TC PSPCTLTCM Species Summary - Trees, Logs, Tons, CCF, MBF										
T18N R17E S18 Ty0001 166.0			Project WATTLEY Acres 166.00					Page No 1 Date: 2/23/2006 Time 9:22:27AM		
Species	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
DOUG FIR	13,604	20,361	5,814	14.98	10.01	0.48	2,040	2,038	893	835
PONDEROS	2,586	3,152	708	11.36	9.32	0.44	295	294	117	117
Totals	16,190	23,513	6,522	14.40	9.92	0.47	2,335	2,332	1,010	952

Wood Type	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
Species	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
C	16,190	23,513	6,522	14.40	9.92	0.47	2,335	2,332	1,010	952
Totals	16,190	23,513	6,522	14.40	9.92	0.47	2,335	2,332	1,010	952